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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/037,593
Filing Date	October 19, 2001
First Named Inventor	Matthew P. Kulig
Art Unit	2457
Examiner Name	Barbara N. Burgess

Attorney Docket Number 60022210-0157

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LC	US 5,077,665		12-31-1991	Silverman et al.	
LD	US 5,740,244		04-14-1998	Indeck et al.	
LE	US 5,870,730		02-09-1999	Furuya et al.	
LF	US 5,978,801		11-02-1999	Yuasa	
LG	US 5,995,963		11-30-1999	Nanba et al.	
LH	US 6,564,263 B1		05-13-2003	Bergman et al.	
LI	US 6,850,906 B1		02-01-2005	Chadha et al.	
LJ	US 6,870,837 B2		03-22-2005	Ho et al	
LK	US 7,019,674 B2		03-28-2006	Cadambi et al.	
LL	US 7,181,608 B2		02-20-2007	Fallon et al.	
LM	US 7,251,629 B1		07-31-2007	Marynowski et al.	
LN	US 7,286,564 B2		10-23-2007	Roberts	
LO	US 2006/0259417 A1		11-16-2006	Marynowski et al.	
LP	US 2006/0294059 A1		12-28-2006	Chamberlain et al.	
LQ	US 2007/0067108 A1		03-22-2007	Buhler et al.	
LR	US 2007/0078837 A1		04-05-2007	Indeck et al.	
LS	US 2007/0118500 A1		05-24-2007	Indeck et al.	
LT	US 2007/0130140 A1		06-07-2007	Cytron et al.	
LU	US 2007/0174841 A1		07-26-2007	Chamberlain et al.	
LV	US 2007/0277036 A1		11-29-2007	Chamberlain et al.	
LW	US 2008/0114760 A1		05-15-2008	Indeck et al.	

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		Number-Kind Code ² (if known)			
LX	US 2008/0126320 A1	05-29-2008	Indeck et al.		
LY	US 2008/0133453 A1	06-05-2008	Indeck et al.		
LZ	US 2008/0133519 A1	06-05-2008	Indeck et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number-Kind Code ⁴ (if known)			
MA	WO 03/100662 A2	12-04-2003	Washington University		
MB	WO 2005/048134 A2	05-26-2005	Washington University		
MC	WO 2006/096324 A2	09-14-2006	Washington University		
MD	WO 2008/022036 A2	02-21-2008	Washington University & Becs Technology, Inc.		

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				Filing Date	October 19, 2001
				First Named Inventor	Matthew P. Kulig
				Group Art Unit	2457
				Examiner Name	Barbara N. Burgess
Sheet	3	of	4	Attorney Docket No.	60022210-0157
OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
ME	ALTSCHUL, Stephen F., "Basic Local Alignment Search Tool", <u>Journal of Molecular Biology</u> , 215(3):403-410, Oct. 5, 1990.				
MF	CAVNAR, William B. et al., "N-Gram-Based Text Categorization", <u>Proceedings of SDAIR-94</u> , 3 rd Annual Symposium on Document Analysis and Information Retrieval, Las Vegas, pp. 161-175, 1994.				
MG	FORGY, Charles L., "Rete: A Fast Algorithm for the Many Pattern/Many Object Pattern Match Problem", <u>Artificial Intelligence</u> , 19:17-37, 1982, Noth Holland; received May 1980, revised version received April 1981.				
MH	HOINVILLE, Jay R. et al., "Spatial Noise Phenomena of Longitudinal Magnetic Recording Media", <u>IEEE Transactions on Magnetics</u> , Vol. 28, No. 6, November 1992, New York, NY.				
MI	JEANMOUGIN, François et al., "Multiple sequence alignment with Clustal X", <u>Trends in Biochemical Sciences</u> , 23(10): 403-405, October 1, 1998, Elsevier Science Ltd.				
MJ	JONES, K. Sparck et al., "A probabilistic model of information retrieval: development and status", <u>Information Processing and Management</u> , 36(6):779-840, Cambridge, UK, August 1998.				
MK	JUNG, Bongjin et al., "Efficient VLSI for Lempel-Ziv Compression in Wireless Data Communication Networks", <u>IEEE Transactions on VLSI Systems</u> , 6(3):475-483, Sept. 1998, Institute of Electrical and Electronics Engineers, Washington, DC.				
ML	PIRSCH, Peter, et al., "VLSI Architectures for Video Compression-A Survey", <u>Proceedings of the IEEE</u> , 83(2):220-246, February 1995, Institute of Electrical and Electronics Engineers, Washington, DC.				
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Attorney Docket No.	60022210-0157

OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	MM	RANGANATHAN, N. et al., "High-speed VLSI Designs for Lempel-Ziv-Based Data Compression", <u>IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing</u> , 40(2):96-106, February 1993, Institute of Electrical and Electronics Engineers, Washington, DC.	
	MN	RATHA, Nalini K. et al., "FPGA-based coprocessor for text string extraction", <u>Proceedings, Fifth IEEE International Workshop on Computer Architectures for Machine Perception</u> , Padova, Italy, Sept. 11-13, 2000, pp. 217-221.	
	MO	ROESCH, Martin, "Snort – Lightweight Intrusion Detection for Networks", <u>Proceedings of LISA '99: 13th Systems Administration Conference</u> , pp. 229-238, Seattle, WA, Nov. 7-12, 1999.	
	MP	ROY, Kaushik, "A Bounded Search Algorithm for Segmented Channel Routing for FPGA'S and Associated Channel Architecture Issues", <u>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</u> , 12(11):1695 - 1705, Nov. 1993.	
	MQ	THOMPSON, Julie D. et al., "The CLUSTAL_X windows interface: flexible strategies for multiple sequence alignment aided by quality analysis tools", <u>Nucleic Acids Research</u> , 25(24):4876-4882, Dec. 15, 1997; received September 24, 1997; revised and accepted Oct. 28, 1997.	

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